

Platform				NextSeq	
Application Type	Chemistry Version	Read Length	Total PF Reads(Million)	Total Yield (Gb)	%>=Q30 (PF)
ChIPseq	NextSeq High Output Kit	1x75	300 - 400	20 - 35Gb	>80%
mRNA	NextSeq High Output Kit	2x150	600 - 800	100 - 120Gb	>75%
gDNA	NextSeq High Output Kit	2x150	600 - 800	100 - 120Gb	>75%
PCR- product	NextSeq High Output Kit	1x75	300 - 400	20 - 30Gb	>80%
Other	NextSeq High Output Kit	2x75	600 - 800	20 - 30Gb	>80%

Note: Statistics collected is based on NextSeq500 High throughput mode, software used in Q4 of 2014 by using Illumina sample prep protocols. Only pass filter (PF) reads are used. mRNA Library performance may be difference if use different library prep kits.

Platform				HiSeq2500	
Application Type	Chemistry Version	Read Length	Total PF Reads (Million)	Total Yield (Gb)	%>=Q30 (PF)
mRNA	V3	2x100	300 - 400	30 - 40Gb	>80%
Exome	V3	2x100	300 - 420	30 - 42Gb	>80%
mRNA	V4	2x126	300 - 440	36 - 55Gb	>80%
Exome	V4	2X126	350 - 450	42 - 56Gb	>80%
gDNA	V4	2x126	350 - 500	42 - 62Gb	>80%
Other	V4	2x126	300 - 450	36 - 56Gb	>80%

Note: Statistics collected is based on TruSeq V3 and V4 chemistry and software used in Q4 of 2014 by using Illumina sample prep protocols. Only pass filter (PF) reads are used. mRNA Library performance may be difference if use different library prep kits.